NOAA
R 337

## FIRE CONTROL EQUIPMENT AND LEGEND

| SYM | DESCRIPTION |
|---|---|
| FIRE PLAN | FIRE CONTROL PLAN |
| C | CONTROL STATION |
| | SOUND POWERED PHONE |
| | SOUND POWERED PHONE JACK BOX |
| G | GENERAL ALARM BELL |
| FA | FIRE ALARM LIGHT AND ANNUNCIATOR |
| H | HALON HORN/SIREN |
| $CO_2$ 15 NO.__ | PORTABLE CO2 FIRE EXTINGUISHER, 15LB, USCG TYPE B:C, SIZE II |
| DP 10 NO.__ | PORTABLE DRY CHEMICAL FIRE EXTINGUISHER: 10LB, USCG TYPE A:B:C, SIZE II; 20LB, TYPE B:C, SIZE III |
| K 2.5 NO.__ | PORTABLE WET CHEMICAL FIRE EXTINGUISHER: 2.5 GAL |
| AUTO K | AUTOMATIC FIXED WET CHEMICAL K-CLASS FIRE EXTINGUISHING SYSTEM, 2.5 QUARTS |
| F # | FIRE STATION (SEE GENERAL NOTE 5) |
| | FIRE AXE |
| W | WATER FOG APPLICATOR |
| F NO 1 NO 2 | PORTABLE FOAM APPLICATOR: (#) ITEM 1-FOAM EDUCTOR WITH PICKUP TUBE, (#) ITEM 2-5 GAL AFFF CANS |
| F | FOAM NOZZLE |
| FL | EMERGENCY GEAR LOCKER WITH FIRE FIGHTING AND DAMAGE CONTROL EQUIPMENT |
| SCBA (1) | SELF CONTAINED BREATHING APPARATUS (SCBA), QUANTITY IN PARENTHESIS |
| FE (1) | COMPLETE FIREMAN'S OUTFIT, QUANTITY IN PARENTHESIS |
| FIRE PULL | MANUALLY OPERATED FIRE ALARM PULL STATION |
| CO2 | CO2 BOTTLE, SPARE, FOR FIXED SYSTEMS |
| HALON | HALON BOTTLE, SPARE, FOR FIXED SYSTEMS |
| HALON | SPACE PROTECTED BY HALON FIXED FIRE EXTINGUISHING SYSTEM |
| $CO_2$ | CO2 RELEASE STATION |
| H | HALON RELEASE STATION |
| A | SHIPS SERVICE VENT REMOTE CONTROL SHUT DOWN A= ACCOMMODATION AND SERVICE (BLUE), M= MACHINERY (GREEN) AND C= CARGO (YELLOW) |
| | FIRE MAIN WITH ISOLATION VALVE |
| | REMOTE CONTROLLED FUEL/ LUBRICATING OIL VALVES |
| AFD | AUTOMATIC FIRE DAMPER IN VENT DUCT |
| | FIRE DAMPER IN VENT DUCT MANUAL OPERATE A= ACCOMMODATION AND SERVICE (BLUE), M= MACHINERY (GREEN) AND C= CARGO (YELLOW) |
| | FIRE PUMP |
| | BILGE PUMP |
| | EMERGENCY FIRE PUMP |
| | 440V SUBMERSIBLE PUMP RECEPTACLE |
| | PORTABLE SUBMERSIBLE PUMP |
| | INTERNATIONAL SHORE CONNECTION |
| A | CLOSING APPLIANCE FOR EXTERIOR VENT INLET OR OUTLET A= ACCOMMODATION AND SERVICE (BLUE), M= MACHINERY (GREEN) AND C= CARGO (YELLOW) |
| | HEAT DETECTOR |
| | SMOKE DETECTOR, LB-LOCAL ONLY BATTERY POWERED |
| G | EMERGENCY GENERATOR |
| | EMERGENCY SWITCHBOARD |
| | SWITCHBOARD, MAJOR POWER PANEL |
| | SELF CONTAINED BREATHING APPARATUS SPARE BOTTLE |
| | B CLASS DIVISION |
| | A CLASS DIVISION |
| | B CLASS FIRE DOOR |
| | A CLASS FIRE DOOR |
| | A CLASS SELF-CLOSING FIRE DOOR |

(CONTINUED ON 7D)

## FIRE CONTROL EQUIPMENT AND LEGEND

| SYM | DESCRIPTION |
|---|---|
| | FIRST AID |
| | EMERGENCY ESCAPE BREATHING DEVICE (EEBD) |
| | EYE WASH STATION |
| HALON | HALON, FIXED FIRE EXTINGUISHING SYSTEM |
| | EMERGENCY FUEL OIL SHUTDOWN |
| | HPU REMOTE STOP |
| | REMOTE CONTROL FOR BILGE PUMP |
| K | GAYLORD HOOD EMERGENCY SHUTDOWN AND FIXED WET CHEMICAL FIRE EXTINGUISHING SYSTEM ACTIVATION |
| | EMERGENCY SHUTDOWN |
| | REMOTE CONTROL FOR FIRE PUMP WITH EMERGENCY POWER SOURCE |
| | REMOTE CONTROL FOR FIRE PUMP |
| | REMOTE CONTROL FOR FIRE PUMP VALVES |
| WT/FD | WATERTIGHT OR FIRE SCREEN DOOR REMOTE CLOSURE |
| | GENERAL ALARM CONTACT |
| M A | FIRE DETECTOR AND ALARM PANEL M= MAIN CONTROL PANEL; A= REMOTE ANNUNCIATOR PANEL |
| FB | FIRE BLANKET |
| F | FIRE HORN |
| | GENERAL ANNOUNCEMENT SYSTEM SPEAKER |
| | MANUALLY OPERATED CALL POINT HOSE MCCANN COMMUNICATIONS ICP-PA/GA SYSTEM (SEE REFERENCE 10) |
| W | FIRE HOSE |
| | PORTABLE DESMOKING FAN |
| | EMERGENCY SOURCE OF ELECTRICAL POWER |

## FIRE DAMPERS AND DECK MUSHROOM VENT CLOSURES

| LOCATION | SYSTEM / SPACE SERVED |
|---|---|
| 03-39-2 (UPTAKE) | AC MACHINERY RM, FAN RM 1-34-2 |
| 03-41-1 (UPTAKE) | SUPPLY 01-38-1 / MAIN GEN RM |
| 03-41-2 (UPTAKE) | SUPPLY 01-38-2 / MAIN GEN RM |
| 03-42-1(2) (UPTAKE) | EXHAUST, MAIN GEN RM |
| 03-42-2(2) (UPTAKE) | EXHAUST, MAIN GEN RM |
| 02-5-2 (WEATHER DECK) | NATURAL EXHAUST, FORE PEAK |
| 02-A-2 (WEATHER DECK) | EXHAUST, FORE PEAK |
| 01-10-1 (EMERG GEN RM) | SUPPLY, 01-9-2, SERG 2-6-0-Q |
| 01-11-2 (EMERG GEN RM) | EXHAUST, 01-A-1, SERG 2-6-0-Q |
| 01-12-1 (EMERG GEN RM) | EXHAUST, EMERG GEN RADIATOR |
| 01-12-2 (EMERG GEN RM) | INTAKE 01-12-2, EMERG DSL GEN |
| 1-45-1 (GALLEY) | GAYLORD HOOD |
| 01-69-1 (WET LAB) | EXHAUST, WET LAB RF1-68-1 |
| 1-86-1 (FCSLE DECK (STBD)) | SUPPLY 01-86-1, WINCH RM |
| 1-86-2 (MISSION DECK (PORT)) | E1-86-2 STERN THRUSTER RM EXHAUST |
| 1-87-1 (MISSION DECK (STBD)) | S1-87-1 STERN THRUSTER RM SUPPLY |
| 1-88-2 (MISSION DECK (PORT)) | E1-88-2 MISSION DECK VOID EXHAUST |
| 1-96-1 (MISSION DECK (STBD)) | NATURAL SUPPLY, MISSION DECK VOID |
| 2-98-1 (MISSION DECK (STBD)) | S2-98-1 AFT STEERING GEAR SUPPLY |
| 2-99-2 (MISSION DECK (PORT)) | NATURAL EXHAUST, AFT STEERING GEAR RM |

## VENT CLOSURE

| LOCATION | SYSTEM / SPACE SERVED |
|---|---|
| 02-50-1 (WEATHER DECK) | MAIN GENERATOR ROOM NATURAL SUPPLY |
| 02-72-2 (WEATHER DECK) | SPLY S2-68-2, PRPLN MTR RM 3-60-0-E |
| 01-12-1 (WEATHER DECK) | NAT EXH, EMERG GEN RM 01-6-0-E |
| 01-12-4 (WEATHER DECK) | SPLY S01-9-2, EMERG GEN RM 01-6-0-E |
| 01-12-5 (EMERG GEN RM) | EXH E01-A-1 STEWARDS STRM, EMERG GEN RM |
| 01-34-1 (WEATHER DECK) | EXH, LAUNDRY E2-27-2, A/C MACH RM E2-26-2 |
| 01-48-1 (WEATHER DECK) | EXH, GALLEY RANGE HOOD |
| 01-73-1(2) (WEATHER DECK) | NATURAL EXH, PRPLN MOTOR RM 3-60-0-E |
| 01-75-1 (WEATHER DECK) | SPLY S01-78-1, ROV GARAGE, DIVE LKR, PAINT LKR |

## ABBREVIATIONS

ABBREVIATIONS USED ON THIS DRAWING ARE IN ACCORDANCE WITH ASME Y14-38 EXCEPT AS FOLLOWS:

A/C = AIR CONDITIONING
AUTO/MNL = AUTOMATIC OR MANUALLY OPERATED VENT DAMPER
AUX = AUXILIARY
DC = DAMAGE CONTROL
E = EXHAUST FAN
EMERG = EMERGENCY
E = ELECTRONICS
FD = FIRE SCREEN DOOR
FM COV = FIRE MAIN CUTOUT VALVE
FO = FUEL OIL
GA = GENERAL ALARM
GAL = GALLON, LIQUID VOLUME
GEN = GENERATOR
HPU = HYDRAULIC POWER UNIT
ICP = INTEGRATED COMMUNICATIONS PLATFORM
LB = LOCAL SOUNDING, BATTERY POWERED
LO = LUBE OIL
MACH = MACHINERY
MN = MAIN
MTR = MOTOR
NAT = NATURAL VENT
OVBD = OVERBOARD
OVHD = OVERHEAD
PA = PUBLIC ANNOUNCING
PDU = POWER DISTRIBUTION UNIT
PRPLN = PROPULSION
QTS = QUARTS, LIQUID VOLUME
RF = RECIRCULATING FAN
RM = ROOM
ROV = REMOTE OPERATED VEHICLE
RTN = RETURN
S = SUPPLY FAN
SR = STATEROOM
STRM = STOREROOM
SW = SALT WATER
TK = TANK
USCG = UNITED STATES COAST GUARD
UPS = UNINTERRUPTED POWER SUPPLY
WEAT = WEATHER TIGHT DOOR
WT = WATERTIGHT DOOR

## INDEX


| SHT | DESCRIPTION |
|---|---|
| 1. | FRONT SHEET, LEGEND AND EQUIPMENT LISTS |
| 2. | EQUIPMENT LIST CONTINUED |
| 3. | FIRE CONTROL PLAN |
| 4. | REVISIONS (CONT.) |


## FAN LIST

| SYSTEM NO. | FAN LOCATION | CONTROLLER LOCATION | SPACE SERVED |
|---|---|---|---|
| RF02-37-1 | FAN RM 02-34-1Q | FAN RM 02-34-1Q | BRIDGE DK, UPPER DK FWD FR 45 |
| E02-39-1 | FAN RM 02-34-1Q | FAN RM 02-34-1Q | BRIDGE DK, UPPER DK, FCSLE DK, MAIN DK FWD FR 50 |
| E01-A-1 | BOSN STRM 01-E-0-A | FCSLE DECK PASSAGE (FWD) 01-10-0-L | BOSN STRM UPPER & LOWER, STEWARDS STRM, BOW THRUSTER RM, EDG RM, AND DRY PROVISION STRM |
| S01-9-2 | EDG RM 01-6-0-E | EDG RM 01-6-0-E | SPLY SPACES FWD FR 14 FCSLE DECK THRU LOWER DECK |
| S01-38-1 | MN GEN RM 3-34-0-E | MN GEN RM 3-34-0-E | MN GEN RM 3-34-0-E |
| S01-38-2 | MN GEN RM 3-34-0-E | MN GEN RM 2-36-1 | MN GEN RM 3-34-0-E |
| S01-48-1 | PASSAGE 01-47-1-L | PASSAGE 01-48-1 | GALLEY SUPPLY |
| E01-48-3 | PASSAGE 01-47-1-L | GALLEY 1-42-0-Q | GALLEY EXHAUST GAYLORD HOOD |
| E01-74-2 | WEATHER PASSAGE FCSLE DECK | DRY LAB 01-59-2-Q | WET LAB FUME HOOD 01-67-0-Q |
| S01-78-1 | FAN RM 01-75-10 | ROV GARAGE 1-75-2-Q | ROV GARAGE SUPPLY, DIVE LKR, PAINT LKR |
| E01-80-2 | STAIRWELL/PASSAGE 1-75-4-L | WINCH RM 1-72-0-E | WINCH RM EXHAUST 1-72-0-E |
| E01-84-2 | ROV GARAGE 1-75-2-Q | ROV GARAGE 1-75-2-Q | MISC EXHAUST, MISSION SPACES, AFT MN CTRL STATION, MN DECK HEADS |
| S1-35-2 | FAN RM 1-34-2-Q | FAN RM 1-34-2-Q | RETURN AIR TO RF-1-35-4 |
| RF1-35-4 | FAN RM 1-34-2-Q | FAN RM 1-34-2-Q | FCSLE, MN DECK CREW STATEROOMS FWD FR 52, EXERCISE RM, LOUNGE, MED TRTMT RM, LIBRARY |

## FAN LIST

| SYSTEM NO. | FAN LOCATION | CONTROLLER LOCATION | SPACE SERVED |
|---|---|---|---|
| RF1-67-1 | FAN RM 1-67-3Q | FAN RM 1-67-3Q | ROV WORKSHOP, MESS, GENERAL WORKSHOP, STATEROOMS MN DECK AFT FR 52 |
| RF1-68-1 | FAN RM 1-67-3-Q | VESTIBULE 01-52-0-L | ET SHOP, VESTIBULE, RACK RM, DRY LAB, ROV/MAPPING CTRL RM, WET LAB |
| E1-81-1 | DIVE LKR 1-80-1-Q | ROV WORKSHOP 1-75-1-Q | PAINT LKR EXHAUST 1-75-3-Q |
| S1-86-1 | MISSION DECK(STBD) (WEATHER DECK) | WINCH RM 4-72-0-E | WINCH RM SUPPLY 4-72-0-E |
| E1-86-2 | MISSION DECK(PORT) (WEATHER DECK) | STERN THRUSTER RM 2-86-0-Q | STERN THRUSTER RM EXHAUST 2-86-0-Q |
| S1-87-1 | MISSION DECK(STBD) (WEATHER DECK) | STERN THRUSTER RM 2-86-0-Q | STERN THRUSTER RM SUPPLY 2-86-0-Q |
| E1-88-2 | MISSION DECK(PORT) (WEATHER DECK) | ROV GARAGE 1-75-2-Q | MOORING LINE STOWAGE 1-86-2-A AND MISSION DECK VOID 1-94-01-V |
| E2-26-2 | A/C MACH RM 2-23-2-Q | A/C MACH RM 2-23-2-Q | A/C MACH RM EXHAUST 2-23-2-Q |
| E2-27-2 | LAUNDRY RM 2-23-3-Q | LAUNDRY RM 2-23-3-Q | LAUNDRY RM EXHAUST 2-23-3-Q |
| S2-32-2 | A/C MACH RM 2-23-2-Q | A/C MACH RM 2-23-2-Q | A/C MACH RM SUPPLY 2-23-2-Q |
| RF2-57-1 | MN CTRL STATION 2-52-0-E | MN CTRL STATION 2-52-0-E | MN CTRL STATION 2-52-0-E |
| RF2-57-2 | MN CTRL STATION 2-52-0-E | MN CTRL STATION 2-52-0-E | MN CTRL STATION 2-52-0-E |
| S2-68-2 | PRPLN MTR RM 3-60-0-E | PRPLN MTR RM 3-60-0-E | PRPLN MTR RM SUPPLY 3-60-0-E |
| S2-98-1 | AFT STEERING GEAR RM 2-94-0-Q | PASSAGE/STERN THRUSTER RM | AFT STEERING RM SUPPLY 2-94-0-Q |

## REVISIONS

| REV | SHT | ZONE | ITEM | DESCRIPTION | DATE | APPD |
|---|---|---|---|---|---|---|
| A | 2 | ALL | | ADDED EYEWASH STATION LOCATIONS TO ROV HANGER, ENGINEERS WORKSHOP, SEWAGE MACHINERY ROOM, WINCH ROOM, AND LOWER PROPULSION ROOM. CHANGED FIRE EXTINGUISHER #02-2 FROM DRY CHEMICAL TO CARBON DIOXIDE. REMOVED STORAGE BIN ON UPPER DECK BOW IN BLOCK 22-D. CHANGED "CG LOCKER 02-42-4A" TO "GEAR LOCKER 02-42-4A",ADDED FIRE EXTINGUISHER 1-22 | 2/12/14 | |
| | 3 | ALL | | CHANGED DOOR ON FCSLE DECK PASSAGEWAY AT FR52 TO CLASS A. ADDED E-STOP TO MAIN DECK LADDERWELL TO E/R, FIRE EXTINGUISHER 1-22 TO ROV WORKSHOP, SCBA'S TO MAIN DECK ENTRY, CLASS A DOOR TO GALLEY. | | |

## GENERAL NOTES

1. THIS DRAWING WAS DEVELOPED TO PROVIDE THE POST PHASE II CONVERSION CONFIGURATION FOR THE NOAA SHIP *OKEANOS EXPLORER* AND REFLECTS THE CONDITIONS FOUND DURING A SHIPCHECK CONDUCTED 11-12 FEBRUARY 2009.
2. THIS DRAWING WAS DEVELOPED USING REFERENCES 1 THROUGH 10 FOR GUIDANCE.
3. THIS DRAWING SUPERSEDES DRAWING 845-6233646 REFERENCE 1 AND OE-845-001, REFERENCE 2.
4. SEE REFERENCE 4 FOR LIFE-SAVING APPLIANCES AND ARRANGEMENTS.
5. EACH FIRE STATION CONSISTS OF A FIRE MAIN RISER WITH ISOLATION VALVE, FIRE HOSE, USCG APPROVED VARI-NOZZLE AND SPANNER WRENCH. FIRE HOSES SHALL BE LINED COMMERCIAL FIRE HOSE THAT CONFORMS TO UNDERWRITERS LABORATORIES STANDARD 19 OR FEDERAL SPECIFICATION ZZ-H-451E. FIRE HOSES SHALL BE 1 1/2" HOSE, 50 FT LENGTH.
6. SMOKE DETECTORS/ALARMS IN STATE ROOMS ARE BATTERY POWERED AND LOCAL SOUNDING ONLY.
7. SEE REFERENCE 5 AND 6 FOR ADDITIONAL VENTILATION SYSTEM DETAILS.
8. THIS DRAWING WAS DEVELOPED USING THE COLOR SCHEME AND SYMBOLS ADOPTED BY INTERNATIONAL MARITIME ORGANIZATION (IMO) IN ACCORDANCE WITH SOLAS REGULATIONS II-2.
9. ALL DECKS HAVE A FIRE INTEGRITY RATING OF A-0 UNLESS NOTED OTHERWISE. BULKHEADS RATED "A" ARE INDICATED IN RED COLOR. BULKHEADS WITH A "B" FIRE INTEGRITY RATING ARE INDICATED IN YELLOW

## REFERENCES

| NO | TITLE | DRAWING NO |
|---|---|---|
| 1 | USNS CAPABLE FIRE CONTROL AND SAFETY PLAN | 845-6233646 |
| 2 | FIRE CONTROL AND SAFETY PLAN | OE-845-001 |
| 3 | NOAA SHIP OKEANOS EXPLORER GENERAL ARRANGEMENT | OE-601-101 |
| 4 | LIFE-SAVING APPLIANCES AND ARRANGEMENTS | OE-077-001 |
| 5 | HVAC SYSTEM DIAGRAM | OE-510-002 |
| 6 | HEATING VENTILATION & AIR CONDITIONING DIAGRAM | 512-6233792 |
| 7 | MISCELLANEOUS PIPING SYSTEM DIAGRAMS | OE-501-001 |
| 8 | FIREMAN SYSTEM ARRANGEMENT | 521-6331018 |
| 9 | FIRE EXTINGUISHING SYSTEM DIAGRAM | 555-6233815 |
| 10 | INTEGRATED INTERIOR COM SYS BWD | OE-433-001 |

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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CONTRACT NO. AB133M-05-CQ-1044
TAR NO. AAA-030(09)
DSGN D. LOONEY 3/23/09
DWN C. FAWVER 3/20/09
CHK V. PARKER 3/24/09
CHK J. CARLSON 3/24/09
NOAA APPROVAL

NOAA SHIP *Okeanos Explorer*

FIRE CONTROL PLAN

| SIZE | CAGE CODE | NOAA DRAWING NUMBER | REV |
|---|---|---|---|
| D | 0YLJ5 | OE-555-001 | D |

SCALE: NONE | CAD FILENAME OE-555-001.DWG | SHT 1 OF 4

## FIRE EXTINGUISHER LIST

| NUMBER # | LOCATION | COMPARTMENT | DESCRIPTION | CAPACITY | TYPE/SIZE |
|---|---|---|---|---|---|
| 03-1 | 03-24-1 | BRIDGE | CARBON DIOXIDE | 15LB | BC II |
| 03-2 | 03-23-2 | BRIDGE | CARBON DIOXIDE | 15LB | BC II |
| 02-1 | 02-21-2 | PASSAGE | DRY CHEMICAL | 10LB | A II BC II |
| 02-2 | 02-39-1 | PASSAGE | CARBON DIOXIDE | 15LB | BC II |
| 02-3 | 02-42-1 | PASSAGE | DRY CHEMICAL | 10LB | A II BC II |
| SPARE | 02-42-6 | DC LOCKER #2 | DRY CHEMICAL | 5LB | A II BC I |
| SPARE | 02-42-6 | DC LOCKER #2 | DRY CHEMICAL | 10LB | A II BC II |
| SPARE | 02-42-6 | DC LOCKER #2 | DRY CHEMICAL | 5LB | A II BC I |
| SPARE | 02-42-6 | DC LOCKER #2 | DRY CHEMICAL | 10LB | A II BC II |
| 02-8 | 02-48-1 | BOAT RESCUE LOCKER | DRY CHEMICAL | 10LB | A II BC II |
| 02-9 | 02-60-1 | WORK BOAT | DRY CHEMICAL | 5LB | A II BC I |
| 02-10 | 02-60-2 | FAST RESCUE BOAT | DRY CHEMICAL | 5LB | A II BC I |
| 01-1 | 01-1-2 | BOSN STORE ROOM | DRY CHEMICAL | 5LB | A II BC I |
| 01-2 | 01-1-4 | BOSN STORE ROOM | DRY CHEMICAL | 5LB | A II BC I |
| 01-3 | 01-2-2 | FOYER | DRY CHEMICAL | 10LB | A II BC II |
| 01-4 | 01-10-1 | EMERGENCY GEN ROOM | DRY CHEMICAL | 5LB | A II BC I |
| 01-5 | 01-10-5 | EMERGENCY GEN ROOM | DRY CHEMICAL | 20LB | A II BC III |
| 01-6 | 01-10-3 | EMERGENCY GEN ROOM | DRY CHEMICAL | 20LB | A II BC III |
| 01-7 | 01-10-2 | EMERGENCY GEN ROOM | CARBON DIOXIDE | 15LB | BC II |
| 01-8 | 01-10-1 | PASSAGE | DRY CHEMICAL | 10LB | A II BC II |
| 01-9 | 01-18-1 | PASSAGE | DRY CHEMICAL | 10LB | A II BC II |
| 01-10 | 01-33-2 | PASSAGE | DRY CHEMICAL | 10LB | A II BC II |
| 01-11 | 01-52-1 | PASSAGE | DRY CHEMICAL | 10LB | A II BC II |
| 01-12 | 01-53-2 | VESTIBULE | CARBON DIOXIDE | 15LB | BC II |
| 01-13 | 01-54-2 | RACK ROOM | CARBON DIOXIDE | 15LB | BC II |
| 01-14 | 01-58-2 | VESTIBULE | CARBON DIOXIDE | 15LB | BC II |
| 01-15 | 01-58-4 | ET SHOP | DRY CHEMICAL | 5LB | A II BC I |
| 01-16 | 01-59-1 | ROV/MAPPING CONTROL ROOM | CARBON DIOXIDE | 15LB | BC II |
| 01-17 | 01-66-2 | DRY LAB | CARBON DIOXIDE | 15LB | BC II |
| 01-18 | 01-71-1 | WET LAB | CARBON DIOXIDE | 15LB | BC II |
| 1-1 | 1-14-1 | PASSAGE | CARBON DIOXIDE | 15LB | BC II |
| 1-2 | 1-15-1 | PASSAGE | DRY CHEMICAL | 10LB | A II BC II |
| 1-3 | 1-30-2 | PASSAGE (FIRE STATION 9) | DRY CHEMICAL | 10LB | A II BC II |
| 1-4 | 1-39-2 | PASSAGE | DRY CHEMICAL | 20LB | A II BC III |
| 1-5 | 1-44-1 | GALLEY | CLASS K WET CHEMICAL | 2.5 GAL | A II BC II |
| 1-6 | 1-52-1 | MESS DECK | DRY CHEMICAL | 10LB | A II BC II |
| 1-7 | 1-55-2 | PASSAGE | DRY CHEMICAL | 10LB | A II BC II |

## FIRE EXTINGUISHER LIST

| NUMBER # | LOCATION | COMPARTMENT | DESCRIPTION | CAPACITY | TYPE/SIZE |
|---|---|---|---|---|---|
| 1-8 | 1-57-2 | PASSAGE | DRY CHEMICAL | 20LB | A II BC III |
| 1-9 | 1-60-2 | PASSAGE | CARBON DIOXIDE | 15LB | BC II |
| SPARE | 1-61-1 | DC LOCKER #1 | CARBON DIOXIDE | 15LB | BC II |
| SPARE | 1-61-3 | DC LOCKER #1 | CARBON DIOXIDE | 15LB | BC II |
| SPARE | 1-61-5 | DC LOCKER #1 | CARBON DIOXIDE | 15LB | BC II |
| SPARE | 1-61-7 | DC LOCKER #1 | DRY CHEMICAL | 20LB | A II BC III |
| SPARE | 1-61-9 | DC LOCKER #1 | DRY CHEMICAL | 20LB | A II BC III |
| 1-10 | 1-67-1 | ENGINEER WORKSHOP | DRY CHEMICAL | 20LB | A II BC III |
| 1-11 | 1-67-3 | ENGINEER WORKSHOP | DRY CHEMICAL | 5LB | A II BC I |
| 1-12 | 1-72-1 | FAN ROOM | DRY CHEMICAL | 20LB | A II BC III |
| 1-13 | 1-74-1 | WEATHER DECK VESTIBULE (STBD) | DRY CHEMICAL | 10LB | A II BC II |
| 1-14 | 1-74-1 | WEATHER DECK VESTIBULE (STBD) | DRY CHEMICAL | 10LB | A II BC II |
| 1-15 | 1-74-1 | WEATHER DECK VESTIBULE (STBD) | DRY CHEMICAL | 20LB | A II BC III |
| 1-16 | 1-72-2 | VESTIBULE (FIRE STATION 11) | CARBON DIOXIDE | 15LB | BC II |
| 1-17 | 1-77-0 | ROV WORKSHOP | DRY CHEMICAL | 5LB | A II BC I |
| 1-18 | 1-77-2 | ROV GARAGE (STBD/FWD) | CARBON DIOXIDE | 15LB | BC II |
| 1-19 | 1-77-4 | ROV GARAGE PASSAGE 1-75-4-L | DRY CHEMICAL | 20LB | A II BC III |
| 1-20 | 1-81-2 | ROV GARAGE | CARBON DIOXIDE | 15LB | BC II |
| 1-21 | 1-82-2 | ROV GARAGE, VESTIBULE | CARBON DIOXIDE | 15LB | BC II |
| 1-22 | 1-77-0 | ROV WORKSHOP | CARBON DIOXIDE | 15LB | BC II |
| 2-1 | 2-23-1 | LAUNDRY | DRY CHEMICAL | 5LB | A II BC I |
| 2-2 | 2-26-2 | A/C MCHRY ROOM | CARBON DIOXIDE | 15LB | BC II |
| 2-3 | 2-28-1 | LAUNDRY | DRY CHEMICAL | 20LB | A II BC III |
| 2-4 | 2-30-0 | LADDERWELL | CARBON DIOXIDE | 15LB | BC II |
| 2-5 | 2-36-2 | MN GEN ROOM (FWD) | CARBON DIOXIDE | 15LB | BC II |
| 2-6 | 2-39-1 | MN GEN ROOM (FIRE STATION 14) | DRY CHEMICAL | 10LB | A II BC II |
| 2-7 | 2-48-1 | MN GEN ROOM (AFT SSDG #1) | CARBON DIOXIDE | 15LB | BC II |
| 2-8 | 2-51-2 | MN GEN ROOM (AFT BULKHEAD) | DRY CHEMICAL | 10LB | A II BC II |
| 2-9 | 2-51-3 | MN GEN ROOM (FIDLEY) | DRY CHEMICAL | 10LB | A II BC II |
| 2-10 | 2-52-0 | MAIN CONTROL ROOM (FWD) | CARBON DIOXIDE | 15LB | BC II |
| 2-11 | 2-59-2 | MAIN CONTROL ROOM (AFT) | CARBON DIOXIDE | 15LB | BC II |
| 2-12 | 2-61-2 | PROPULSION ROOM (UL) | CARBON DIOXIDE | 15LB | BC II |
| 2-13 | 2-65-1 | PROPULSION ROOM (UL CNTR) | DRY CHEMICAL | 10LB | A II BC II |
| 2-14 | 2-65-3 | PROPULSION ROOM (UL STBD) | DRY CHEMICAL | 10LB | A II BC II |
| 2-15 | 2-71-2 | PROPULSION ROOM (UL) | DRY CHEMICAL | 10LB | A II BC II |
| 2-16 | 2-80-1 | WINCH ROOM | DRY CHEMICAL | 20LB | A II BC III |
| 2-17 | 2-85-1 | WINCH ROOM (FIRE STATION 17) | DRY CHEMICAL | 20LB | A II BC III |

## FIRE EXTINGUISHER LIST

| NUMBER # | LOCATION | COMPARTMENT | DESCRIPTION | CAPACITY | TYPE/SIZE |
|---|---|---|---|---|---|
| 2-18 | 2-87-1 | THRUSTER ROOM | CARBON DIOXIDE | 15LB | BC II |
| 2-19 | 2-97-2 | STEERING GEAR ROOM | DRY CHEMICAL | 20LB | A II BC III |
| 3-1 | 3-72-1 | PROPULSION MOTOR ROOM (LL CNTR) | DRY CHEMICAL | 10LB | A II BC II |
| 3-2 | 3-77-1 | TUNNEL | DRY CHEMICAL | 10LB | A II BC II |

## 1JV SOUND POWER PHONE CIRCUIT

| LOCATION | STATION | COMPARTMENT SERVED |
|---|---|---|
| 03-18-2 | 1 | PILOT HOUSE |
| 2-52-2 | 2 | ENGINE CONTROL (MAIN CONTROL STATION) |
| 2-54-1 | 3 | STEERING GEAR ROOM |
| 02-B-1 | 4 | BOW LOOKOUT |
| 1-38-2 | 5 | LIBRARY |
| 02-20-1 | 6 | COMMANDING OFFICER STATEROOM |
| 02-20-2 | 7 | CHIEF ENGINEER STATEROOM |
| 1-84-2 | 8 | ROV GARAGE |
| 01-12-2 | 9 | EMERGENCY GENERATOR ROOM |
| 01-56-2 | 10 | ELECTRONICS SHOP |
| 1-52-1 | 11 | CREWS MESS |
| 1-64-0 | 12 | DC LOCKER |
| 1-63-1 | 13 | GENERAL WORKSHOP |
| 01-52-1/2 | 14 | QUARTER DECK (STBD/PORT) |

## 2JZ DAMAGE CONTROL SOUND POWER PHONE CIRCUIT

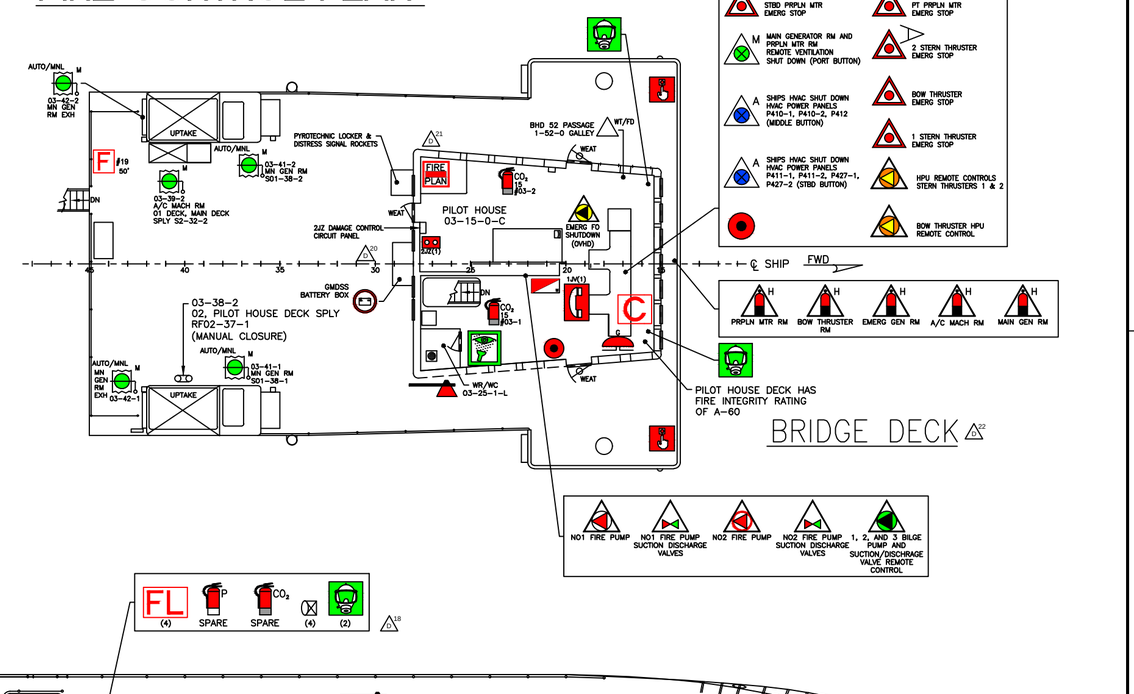
| LOCATION | STATION | COMPARTMENT SERVED |
|---|---|---|
| 03-27-2 | 1 | PILOT HOUSE |
| 1-63-2 | 2 | DAMAGE CONTROL LOCKER #1 |
| 2-11-1 | 3 | BOW THRUSTER |
| 2-22-1 | 4 | EXERCISE ROOM |
| 2-33-2 | 5 | A/C MACHINERY ROOM |
| 1-86-1 | 6 | MAIN DECK (AFT) |
| 01-6-2 | 7 | EMERGENCY GENERATOR ROOM |
| 3-34-2 | 8 | MAIN GENERATOR ROOM |
| 2-52-0 | 9 | MAIN CONTROL STATION |
| 3-60-2 | 10 | PROPULSION MOTOR ROOM (UPPER) |
| 2-94-1 | 11 | STEERING GEAR ROOM |

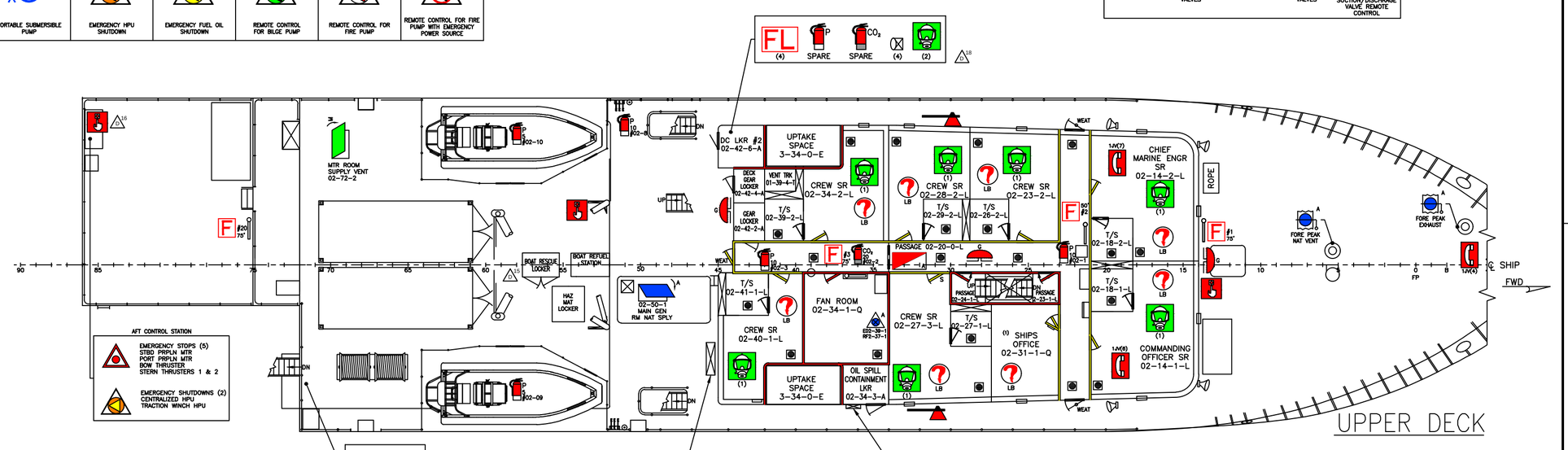
| SIZE | CAGE CODE | NOAA DRAWING NUMBER | REV |
|---|---|---|---|
| D | 0YLJ5 | OE-555-001 | A |
| SCALE: NONE | | CAD FILENAME OE-555-001 | SHT 2 OF 4 |

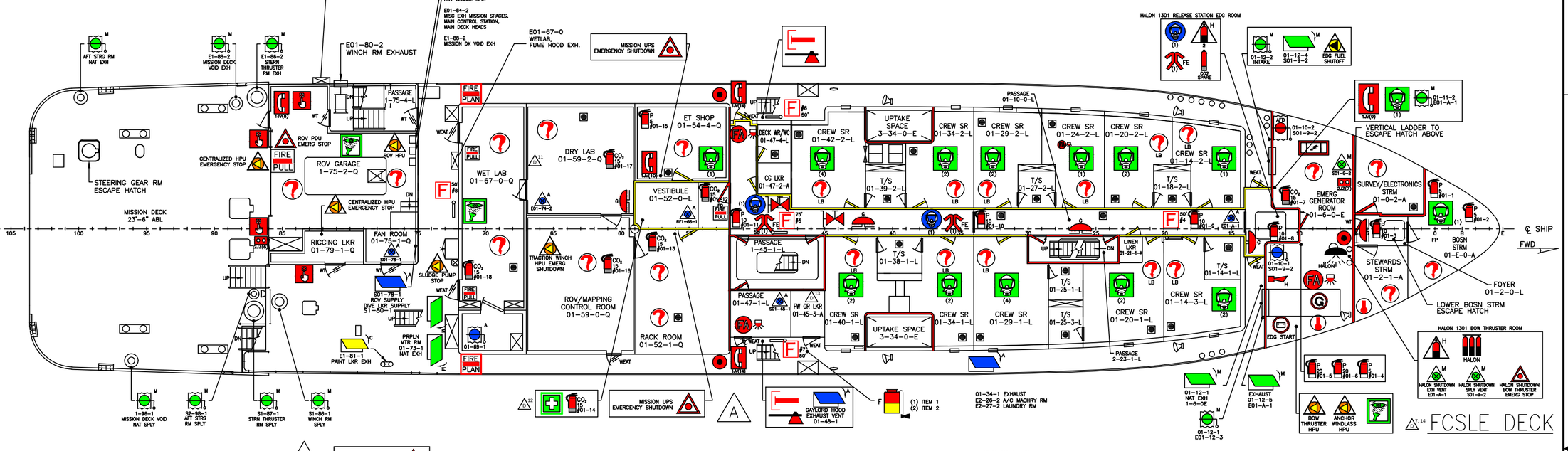
# FIRE CONTROL PLAN

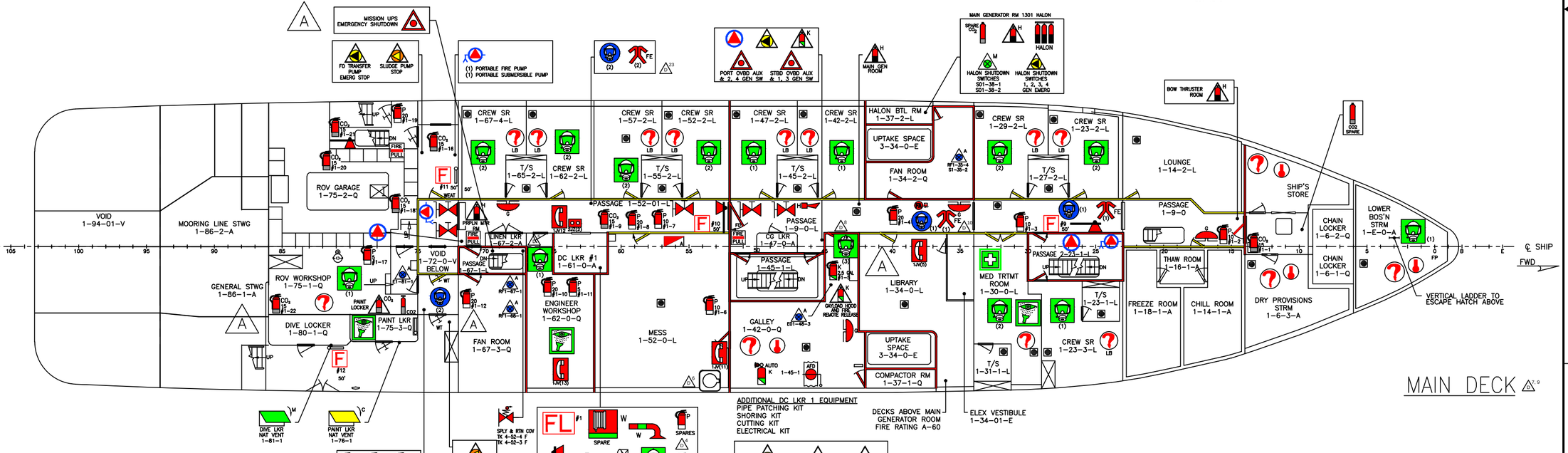
## LEGEND (SEE SHEET 1 FOR ADDITIONAL SYMBOL DESCRIPTIONS)

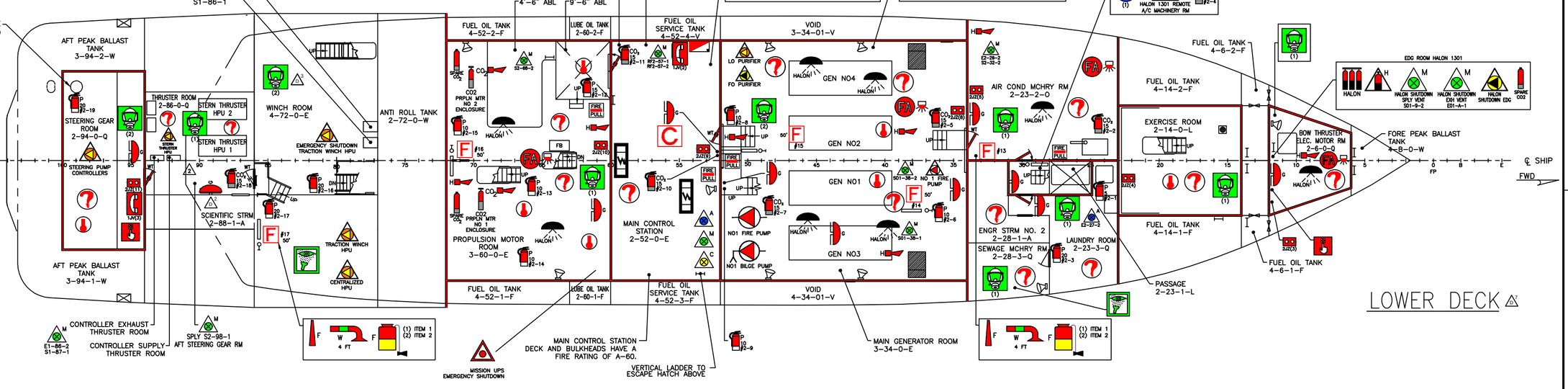
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| FIRE CONTROL PLAN | CONTROL STATION | SOUND POWERED TELEPHONE STATION | SPACE PROTECTED BY GENERAL ALARM BELL | FIRE ALARM LIGHT | HALON HORN/SIREN | MANUALLY OPERATED CALL POINT HOSE MCCANN COMMUNICATIONS ICP-PA/GA SYSTEM | PORTABLE CO2 FIRE EXTINGUISHER | PORTABLE WET CHEMICAL FIRE EXTINGUISHER | PORTABLE DRY CHEMICAL FIRE EXTINGUISHER |
| AUTOMATIC WET-CHEM FIRE EXTINGUISHER | FIRE STATION | FIRE AXE | WATER FOG APPLICATOR | PORTABLE FOAM APPLICATOR: (F) ITEM 1-FOAM EDUCTOR WITH PICKUP TUBE, (F) ITEM 2-5 GAL AFFF CANS | FOAM NOZZLE | EMERGENCY GEAR LOCKER W/ FIRE FIGHTING EQUIPMENT | SELF-CONTAINED BREATHING APPARATUS | FIREMAN'S OUTFIT | MANUALLY OPERATED FIRE ALARM PULL STATION |
| SPARE CO2 BOTTLE | SPARE HALON BOTTLE | SPACE PROTECTED BY HALON | CO2 RELEASE STATION | HALON RELEASE STATION | GAYLORD HOOD SHUTDOWN AND FIRE RELEASE | REMOTE VENTILATION SHUTOFF | FIRE MAIN WITH FIRE VALVE | REMOTE CONTROLLED FUEL/LUBRICATING OIL VALVES | INTERNATIONAL SHORE CONNECTION |
| AUTOMATIC FIRE DAMPER IN VENT DUCT MANUAL OPERATE | FIRE DAMPER IN VENT DUCT MANUAL OPERATE | HALON BATTERY | CO2 BATTERY | CLOSING APPLIANCE FOR EXTERIOR VENT INLET OR OUTLET | HEAT DETECTOR | SMOKE DETECTOR | FIRE DETECTOR AND ALARM PANEL M= MAIN CONTROL PANEL A= REMOTE ANNUNCIATOR PANEL PA= PUBLIC ANNOUNCING PANEL | EMERGENCY SWITCHBOARD | SWITCHBOARD, MAJOR POWER PANEL |
| A CLASS DIVISION | A CLASS FIRE DOOR | A CLASS SELF-CLOSING FIRE DOOR | B CLASS DIVISION | B CLASS FIRE DOOR | FIRST AID | EEBD | EYE WASH STATION | FIRE BLANKET | EMERGENCY BILGE PUMP |
| BILGE PUMP | EMERGENCY FIRE PUMP | FIRE PUMP | 440V SUBMERSIBLE PUMP OUTLET | PORTABLE SUBMERSIBLE PUMP | EMERGENCY HPU SHUTDOWN | EMERGENCY FUEL OIL SHUTDOWN | REMOTE CONTROL FOR BILGE PUMP | REMOTE CONTROL FOR FIRE PUMP | REMOTE CONTROL FOR FIRE PUMP WITH EMERGENCY POWER SOURCE |
| REMOTE CONTROL FOR FIRE PUMP VALVES | WATERTIGHT OR FIRE SCREEN DOOR CLOSURE | EMERGENCY SHUTDOWN | FIRE HOSE | | | | | | |
| SCBA SPARE BOTTLE | GENERAL ALARM CONTACT | EMERGENCY GENERATOR | EMERGENCY SOURCE OF ELECTRICAL POWER | | | | | | |
| PORTABLE DESMOKING FAN | 1500 FT OF MANILA ROPE FOR LINE THROWING GUN IN WEATHER TIGHT ENCLOSURE | GENERAL ANNOUNCEMENT SYSTEM SPEAKER | | | | | | | |

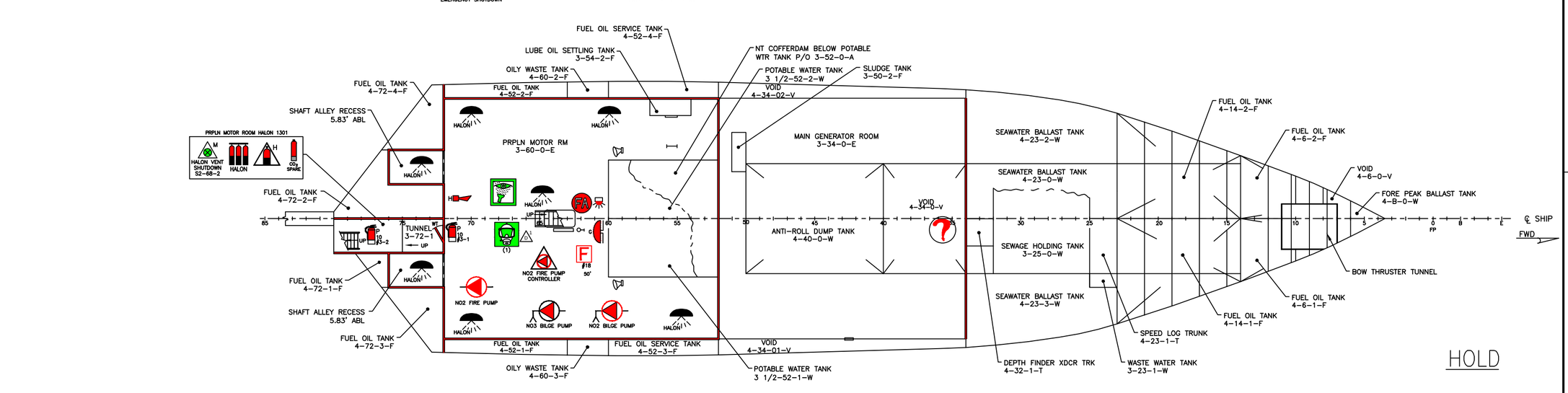



| SIZE | CAGE CODE | NOAA DRAWING NUMBER | REV |
|---|---|---|---|
| D | 0YLJ5 | OE-555-001 | D |
| SCALE: NONE | CAD FILENAME OE-555-001.DWG | SHT 3 OF 4 | |

# REVISIONS

| REV | SHT | ZONE | ITEM | DESCRIPTION | DATE | APPD |
|---|---|---|---|---|---|---|
| A | 3 | ALL | | ADDED FIRE STATION HOSE LENGTHS<br>ADDED PULL STATIONS IN ROV GARAGE AND MAIN DECK VESTIBULE (AFT)<br>ADDED SMOKE DETECTORS IN ROV GARAGE AND STERN THRUSTER ROOM<br>ADDED "01 DECK, MAIN DECK" TO 03-39-2 SUPPLY<br>ADDED PILOT HOUSE-ALL, 01 DECK ALL, MAIN DECK FWD OF FRAME 52" TO 02-39-1 EXH<br>ADDED "DIVE LKR SUPPLY" TO 01-78-1 SUPPLY<br>ADDED E01-67-0 "WETLAB, FUME HOOD EXH."<br>ADDED E1-75-2 AND E2-52-0 "MAIN DECK AFT OF FRAME 52, ROV GARAGE, MAIN CONTROL STATION EXH."<br>CHANGED "NO MANUAL CLOSURE" TO "MANUAL CLOSURE" ON E02-39-1<br>CHANGED "NO MANUAL CLOSURE" TO "MANUAL CLOSURE" ON S01-48-1<br>CHANGED "NO MANUAL CLOSURE" TO "MANUAL CLOSURE" ON RF02-37-1<br>ADDED MISSION UPS E-STOP IN PROPULSION MOTOR ROOM | 7/25/14 | |
| B | ALL | ALL | | CHANGES NOT RECORDED | | |
| C | ALL | ALL | | CHANGES NOT RECORDED | | |
| D | 3 | 17-B | 1. | QTY EEBD IN LOWER PROP MOTOR RM WAS (2). | 1/18/23 | |
| | | 18-A | 2. | ADDED GENERAL ALARM BELL TO STBD BHD @ FR. 89. | | |
| | | 19-B | 3. | QTY EEBD IN WINCH RM WAS (3). | | |
| | | 19-B | 4. | QTY & SIZE OF VARIABLE F.E. SPARES IN DC LKR #1 REMOVED. | | |
| | | 20-B | 5. | EEBD IN ENGINEER'S WORKSHOP WAS IN PASSAGE (1-52-01-L). | | |
| | | 19-B | 6. | ESCAPE HATCH ADDED TO MESS RM DK FWD STBD CORNER. | | |
| | | VAR. | 7. | VERTICAL LADDER CALL-OUTS ADDED FOR CLARITY. | | |
| | | 20-C | 8. | EEBD (3) IN GALLEY WAS IN PASSAGE (1-9-0-L). | | |
| | | VAR. | 9. | EXTRA EEBDS REMOVED FROM MAIN DECK PASSAGES. | | |
| | | 20-C | 10. | SCBA & FIREMAN'S OUTFIT QTYS WERE (2) AT FR. 37. | | |
| | | 21-B | 11. | F.E. #01-17 RELOCATED TO FWD BHD OF DRY LAB. | | |
| | | 21-B | 12. | FIRST AID KIT ADDED TO VESTIBULE (01-52-0-L). | | |
| | | 21-C | 13. | DOOR BETWEEN PASSAGE (1-45-1-L) & FWD GEAR LKR (01-45-3-A) REMOVED. | | |
| | | VAR. | 14. | EXTRA EEBDS REMOVED FROM DRY LAB, RACK RM & FOYER. | | |
| | | 22-B | 15. | BOAT RESCUE LOCKER LABELED, F.E. #02-8 RELOCATED. | | |
| | | 23-B | 16. | MANUALLY OPERATED CALL POINT ADDED TO AFT CONTROL STATION. | | |
| | | 22-B | 17. | F.E. #02-10 & EYEWASH STATION ADDED @ FR. 48, PORT SIDE. | | |
| | | 23-C | 18. | CORRECTED DC LKR #2 CONTENTS TO MATCH VESSEL. | | |
| | | 24-B | 19. | SCBA SYMBOL WAS LABELED LOCKER WITH ADDITIONAL BREATHING APPARATUS. | | |
| | | 24-C | 20. | EYEWASH STATION RELOCATED TO FR. 24.5, STBD SIDE. | | |
| | | 24-C | 21. | FIRE PLAN RELOCATED TO FR. 27, PORT SIDE. | | |
| | | VAR. | 22. | EEBDS ADDED TO PILOTHOUSE. | | |
| | | 20-B | 23. | SCBA & FIREMAN'S OUTFIT QTYS WERE (1) @ FR. 62. | | |
| | | 23-B | 24. | NOT USED. | | |
| | | 23-C | 25. | FIRE MAIN WITH VALVE ON UPPER DECK AT FR. 48 REMOVED. | | |
| | 4 | ALL | 26. | TITBLOCK & PAGE LAYOUT ADJUSTED TO ACCOMODATE ADDITIONAL REVISION NOTES. | | |
| | | | | ITEMS 1-26 PER SHIP CHECK PERFORMED ON 09DEC2021 BY ENS ZOLLER | | |
| | 3 | VAR. | 27. | UPDATED SHEET THREE TO SHOW B CLASS FIRE DOORS. | | |
| | | 22-C | 28. | BULKHEAD & DOOR BETWEEN FAN ROOM 02-34-01 & PASSAGE 02-20-0 WERE CLASS B. | | |
| | | 21-D | 29. | DOORS TO EMERGENCY GENERATOR ROOM WERE UNRATED | | |
| | | 20-B | 30. | BULKHEAD BETWEEN DC LKR #1 1-61-0 & PASSAGE 1-52-01 WAS CLASS A. DOWNGRADED TO UNRATED TO REFLECT REMOVAL OF DOOR FROM DC LKR. | | |
| | | 19-A | 31. | DOOR FROM STEERING GEAR ROOM 2-94-0 WAS UNRATED. | | |
| | | | | ITEMS 27-31 PER ABS LETTER T2354309 DATED 17JAN2023 | | |

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| D | 0YLJ5 | OE-555-001 | D |
| SCALE: NONE | | CAD FILENAME OE-555-001 | SHT 4 OF 4 |